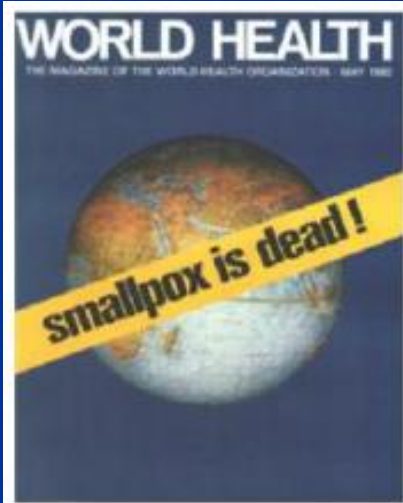


# ***Vaccine preventable disease – Washington, 2005***

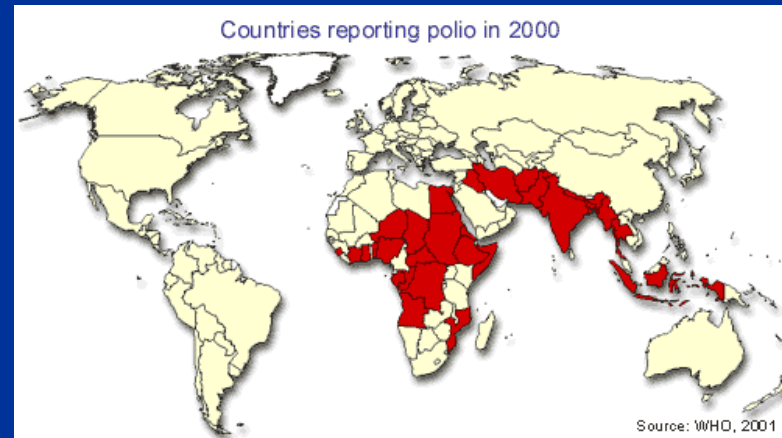


# Eradicated and almost eradicated



- Variola (smallpox) – last Washington case 1946

- Polio – last Washington case 1977



Seattle Post-Intelligencer, March 26, 1946

## Emergency Declared in Outbreak of Smallpox

The state department of health yesterday declared "a state of emergency" to exist because of the current outbreak in King County of smallpox, and said the outbreak had reached "epidemic proportions."

A third death occurred early yesterday. Seventeen cases have been reported in all. How many unidentified and unreported cases there are, nobody knows.

Prior to the state action, the city health department had again urged that everyone be vaccinated against the disease as soon as possible.

### CONFERENCE HELD

A conference was held in the afternoon and the attending

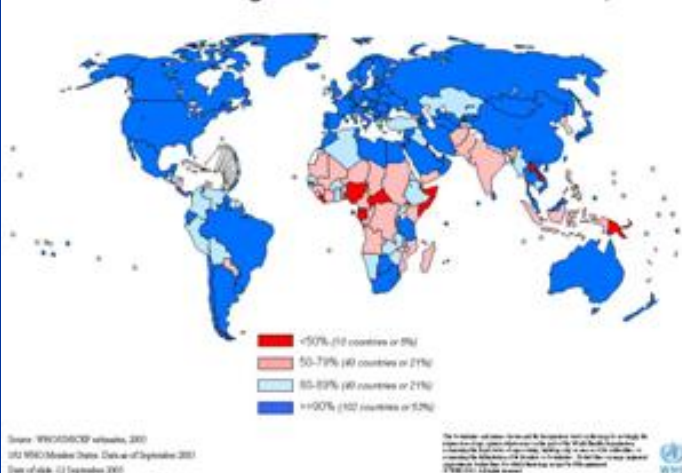
department's clinic in the Public Safety Building at 5th Ave. and Foster Way, but Dr. Palmquist described this as "only a drop in the bucket."

Dr. Cleet said King County Hospital is making room to accommodate the additional smallpox victims sure to materialize.

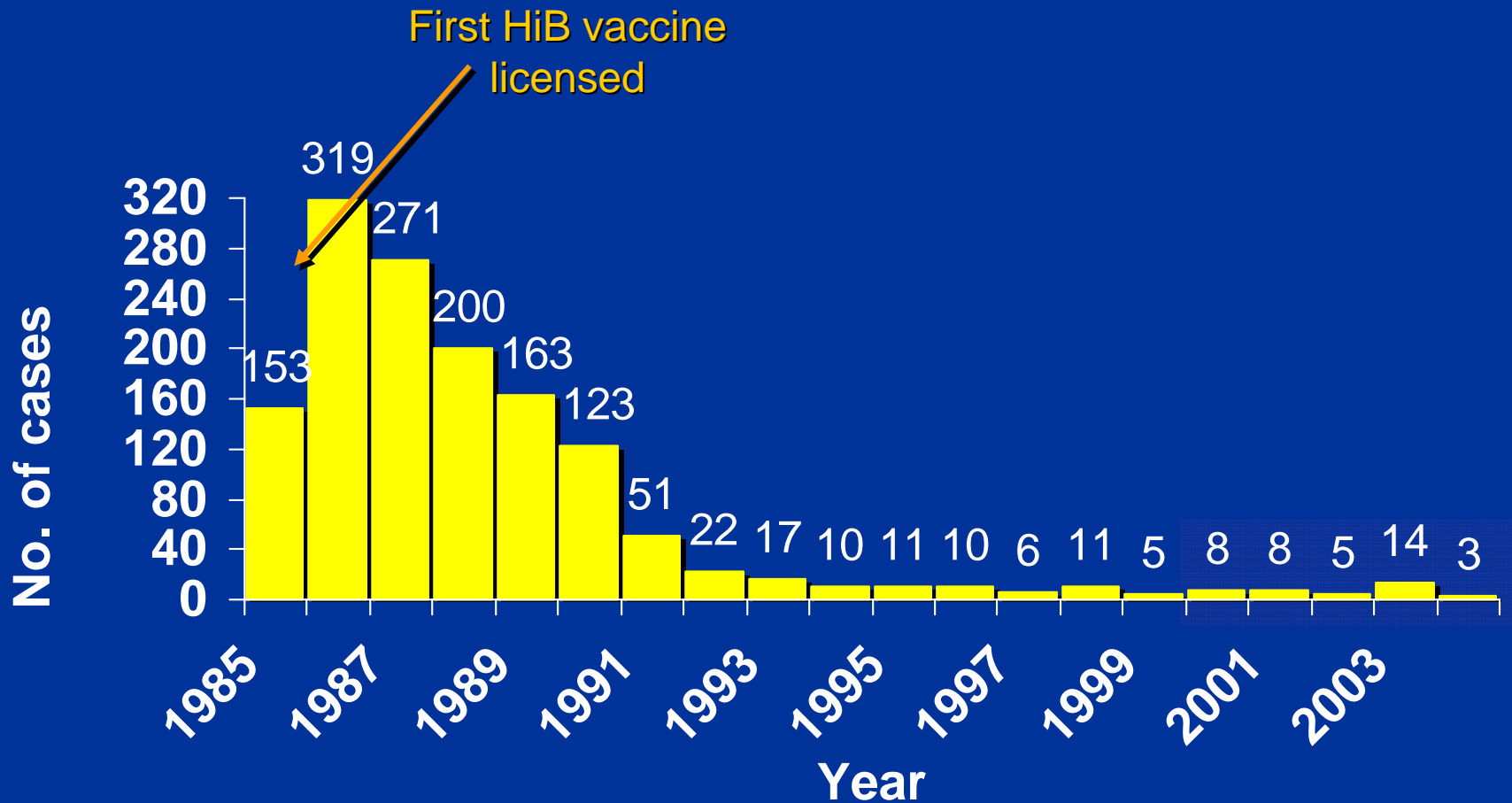
"All but one case thus far reported," he said, "have been traced to two sources—the hospital and Washington University."

- Diphtheria - last Washington case in 1979

Immunization coverage with DTP3 vaccines in infants, 2004



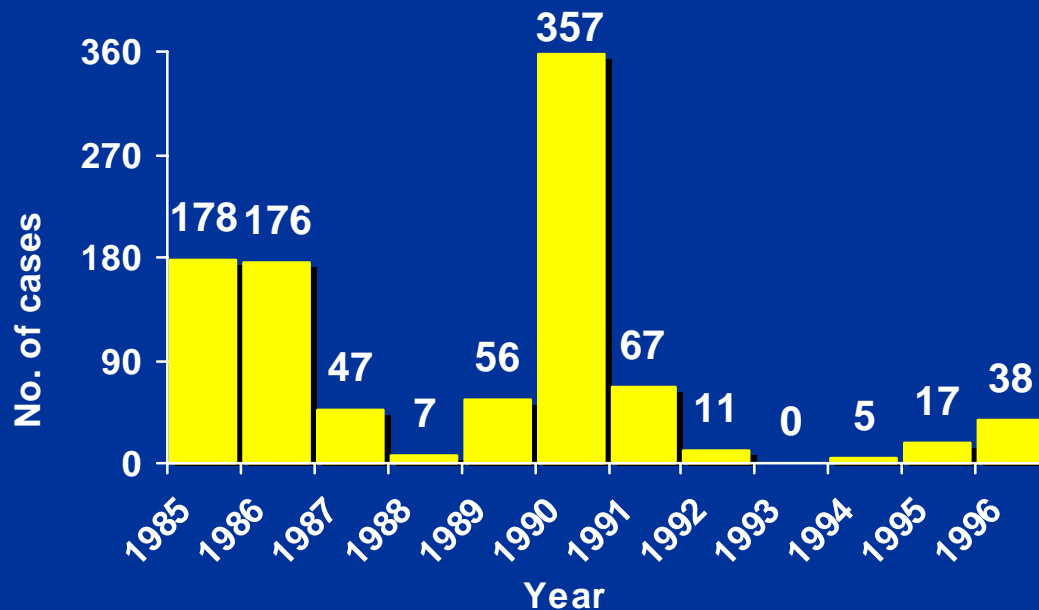
# ***Reported cases of Haemophilus influenza\* -- Washington, 1985-2004***



# Reported cases of measles -- Washington, 1985-2004

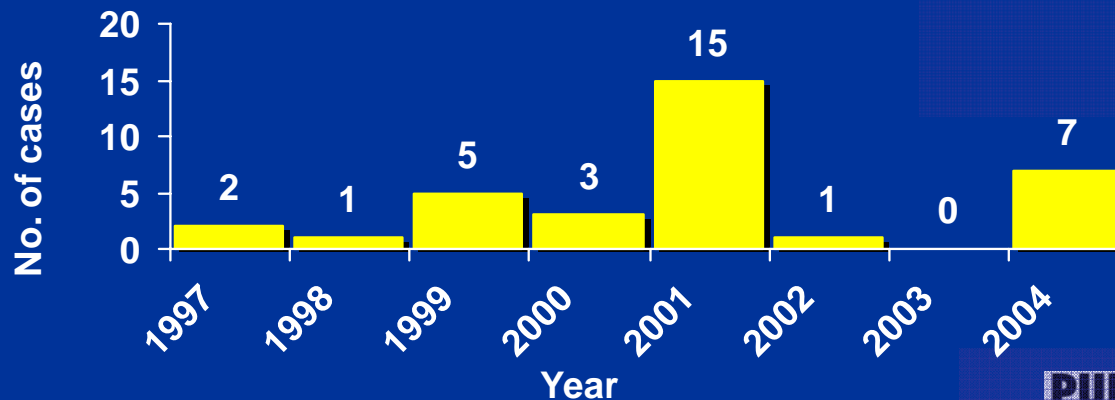
## 1985-1996

Note: scale is 0-360 cases

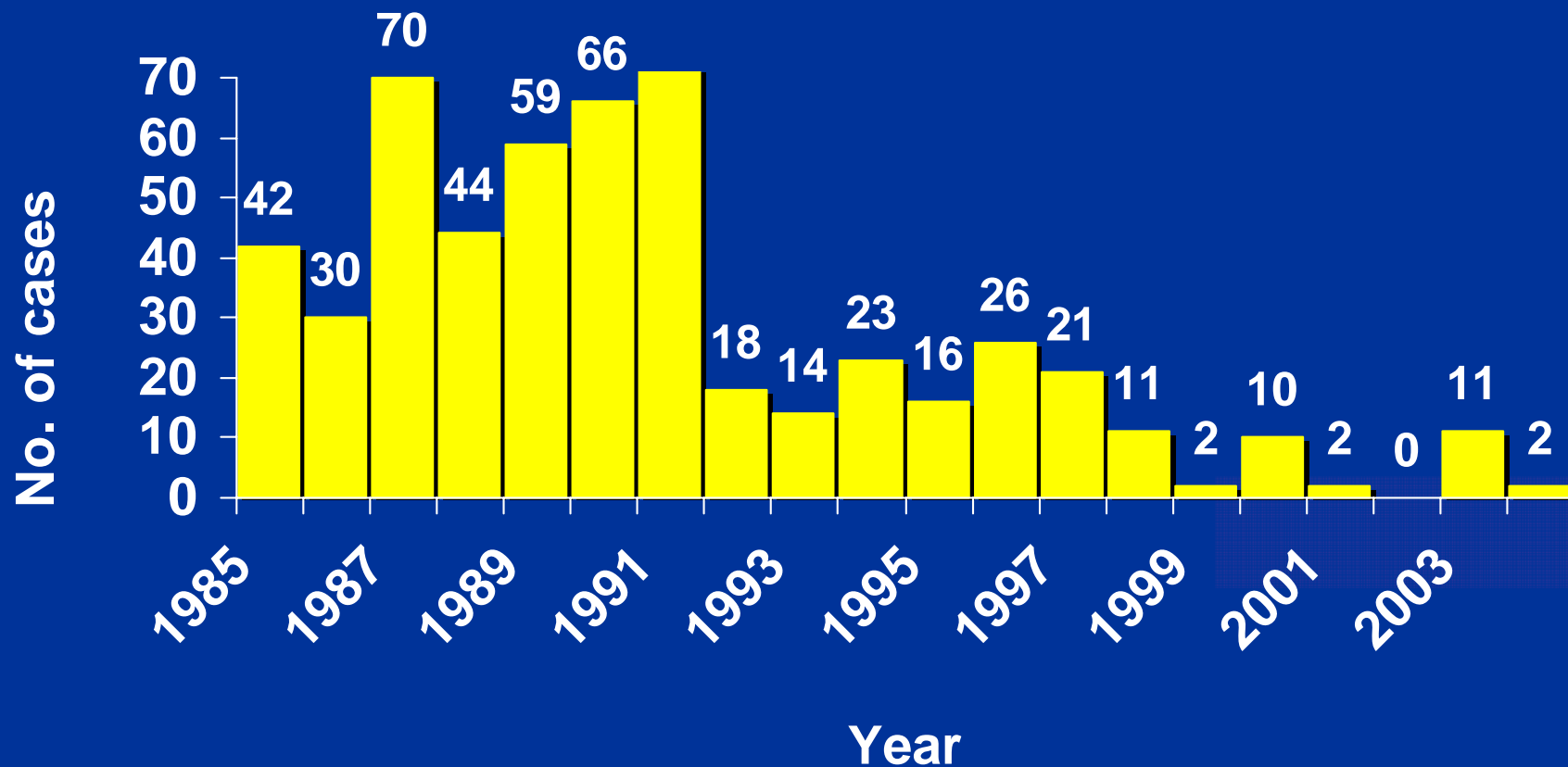


## 1997-2004

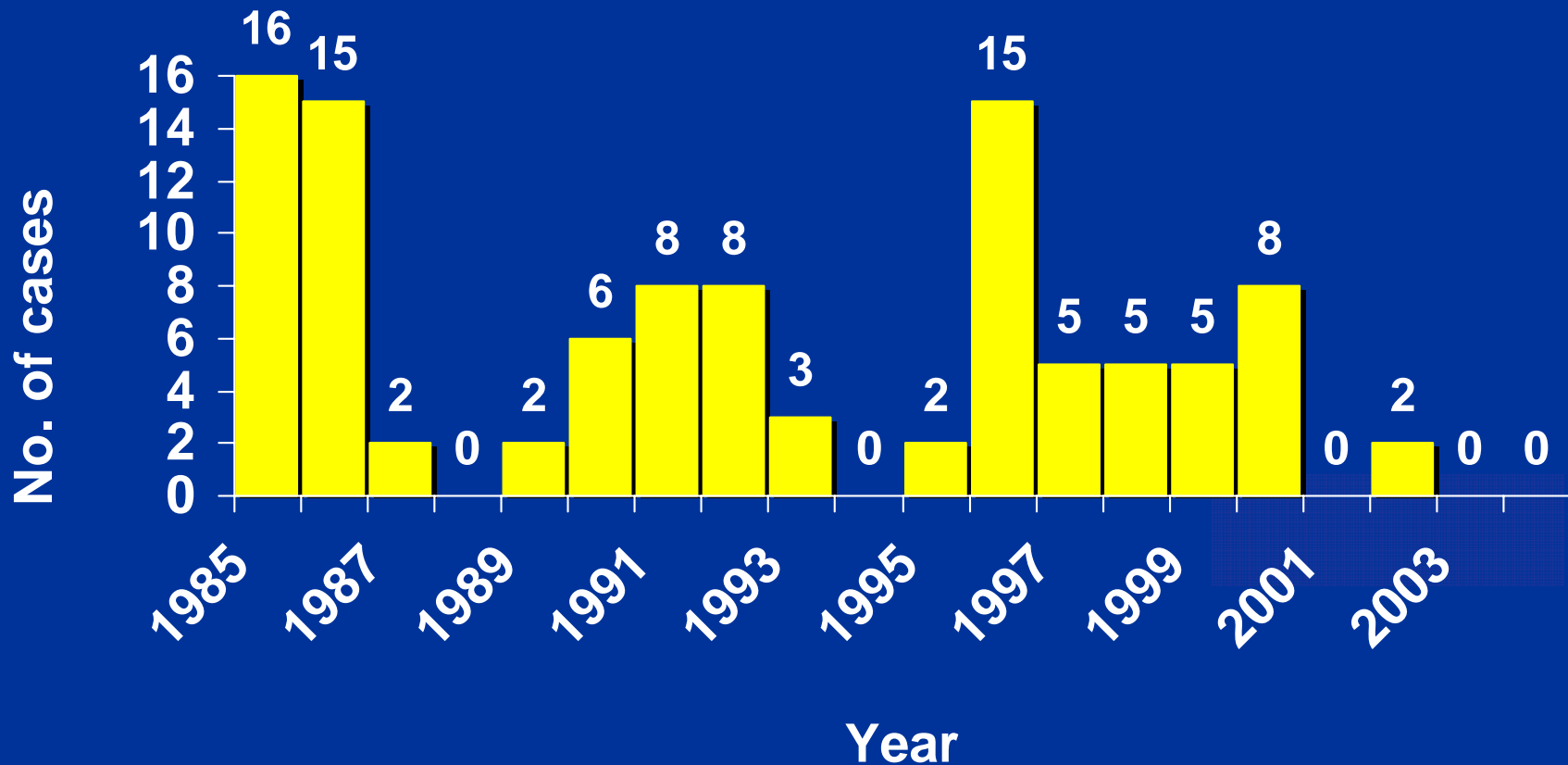
Note: scale is 0-20 cases



# *Reported cases of mumps -- Washington, 1985-2004*

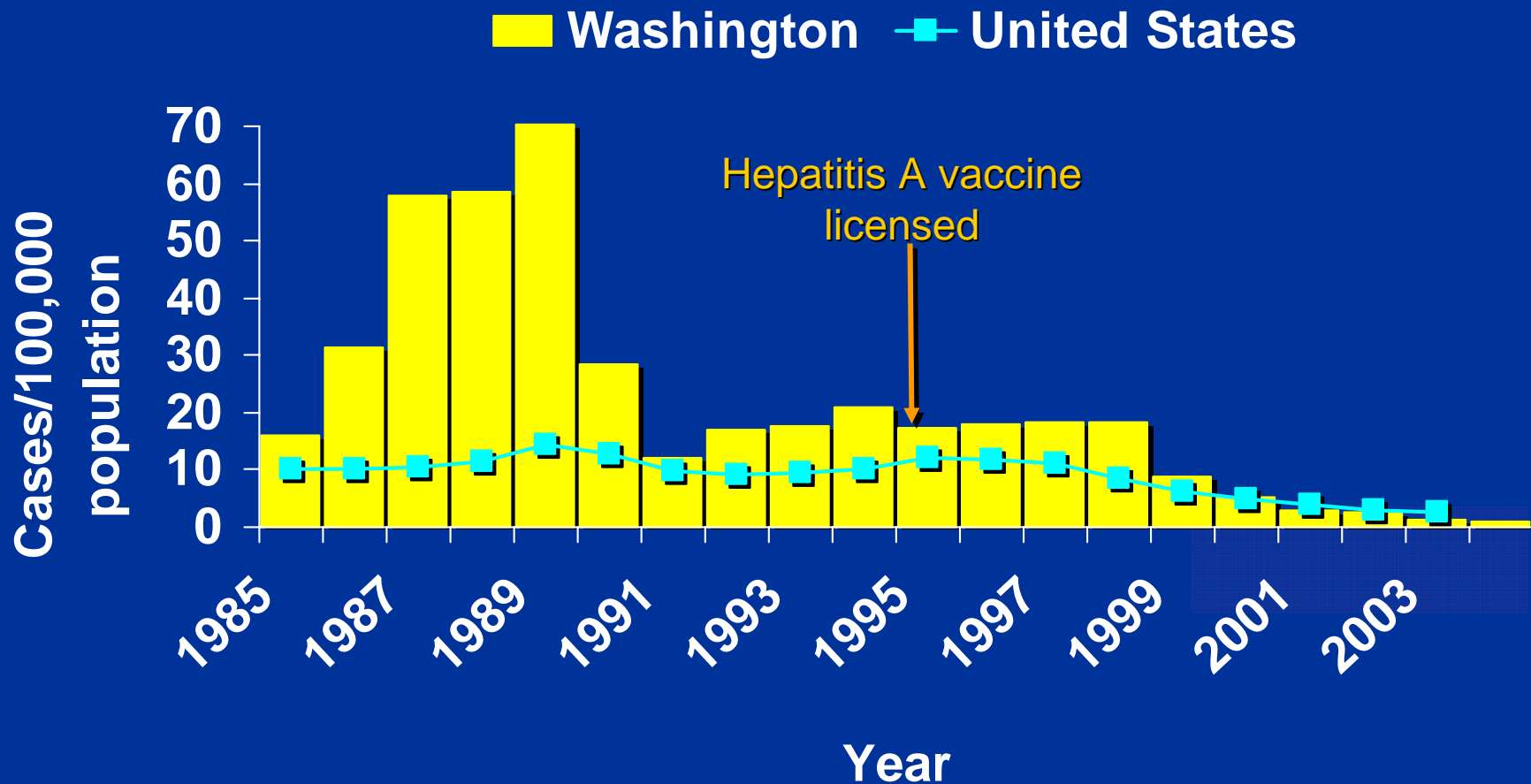


# *Reported cases of rubella -- Washington, 1985-2004*



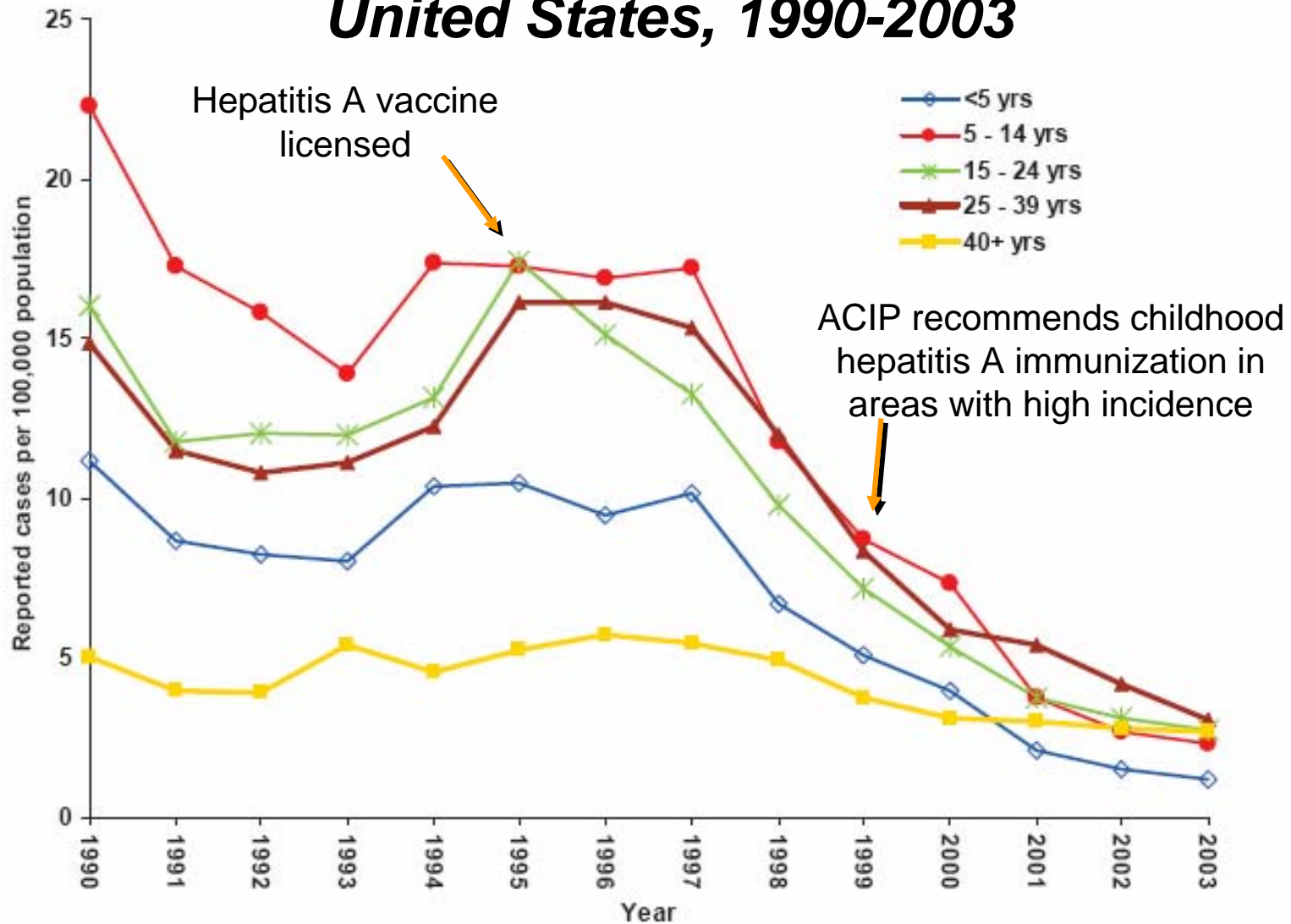


# Incidence of hepatitis A - Washington and United States\*, 1985-2004



\*Source: CDC. Summary of Notifiable Diseases – United States, 2003. MMWR 2004;52:1-85

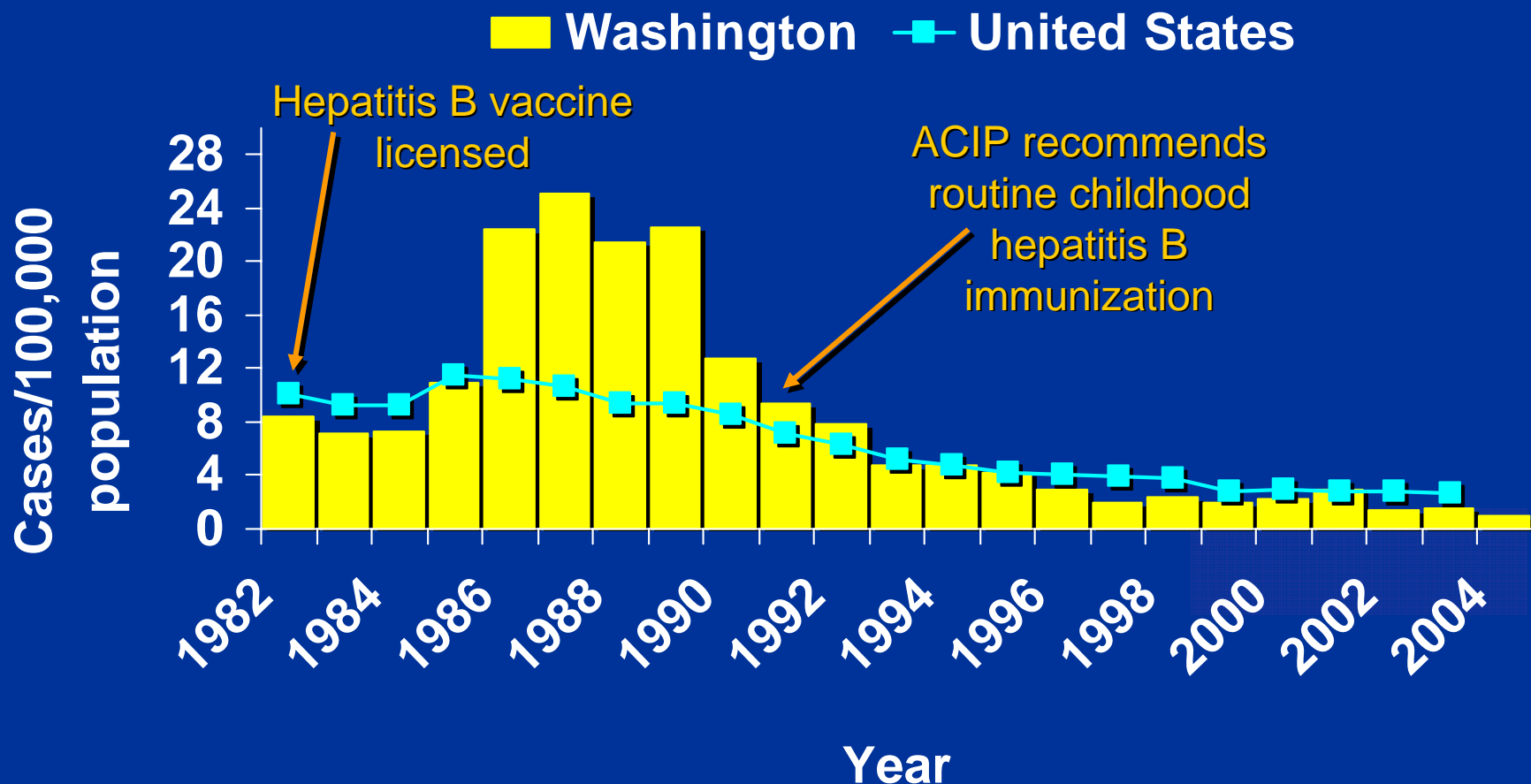
## ***Incidence of hepatitis A by age – United States, 1990-2003***



*Source: CDC Hepatitis surveillance report, September 2005*

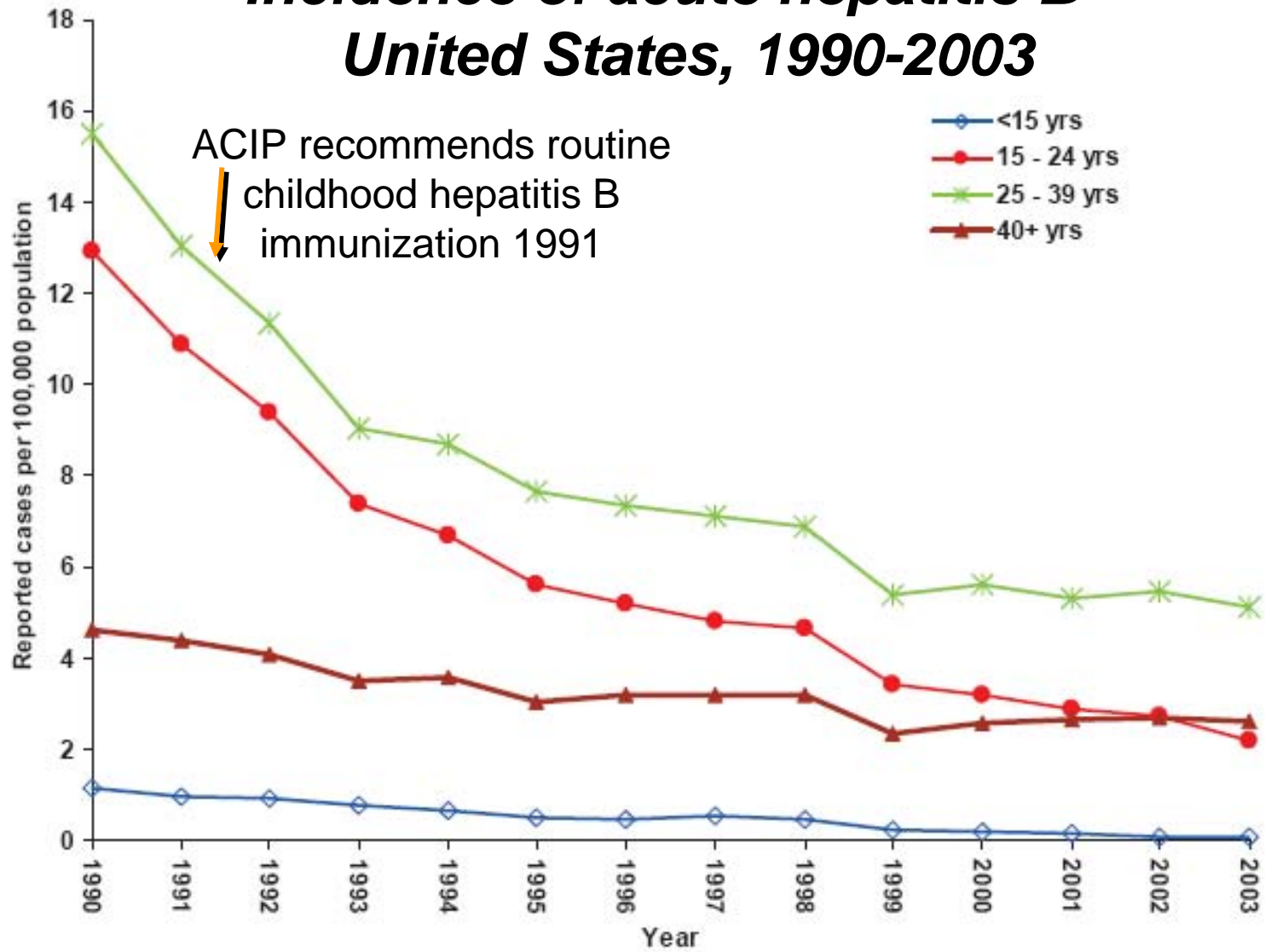


# ***Incidence of Hepatitis B - Washington and United States\*, 1985-2004***



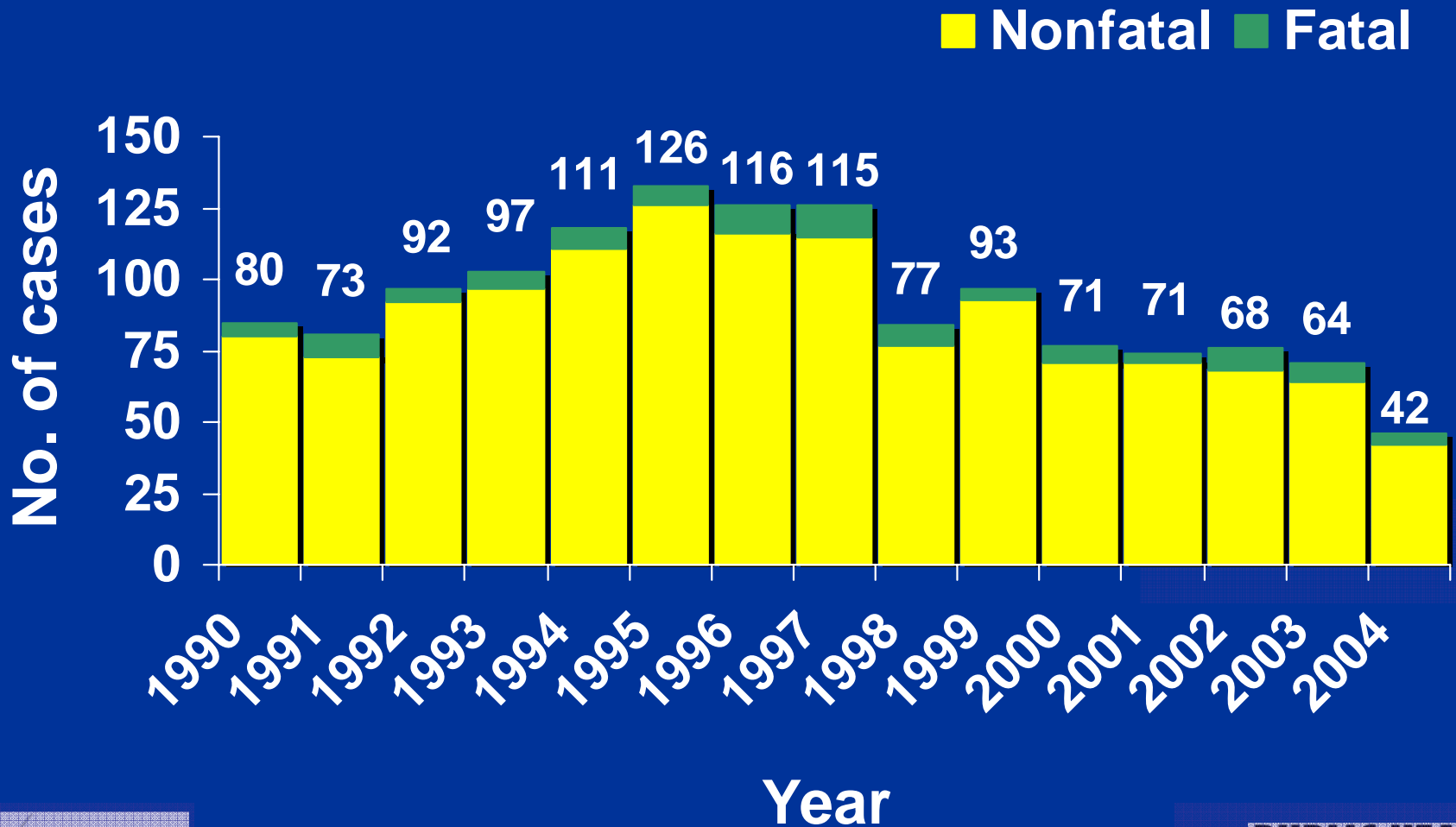
\*Source: CDC. Summary of Notifiable Diseases – United States, 2003.MMWR 2004;52:1-85

## ***Incidence of acute hepatitis B – United States, 1990-2003***

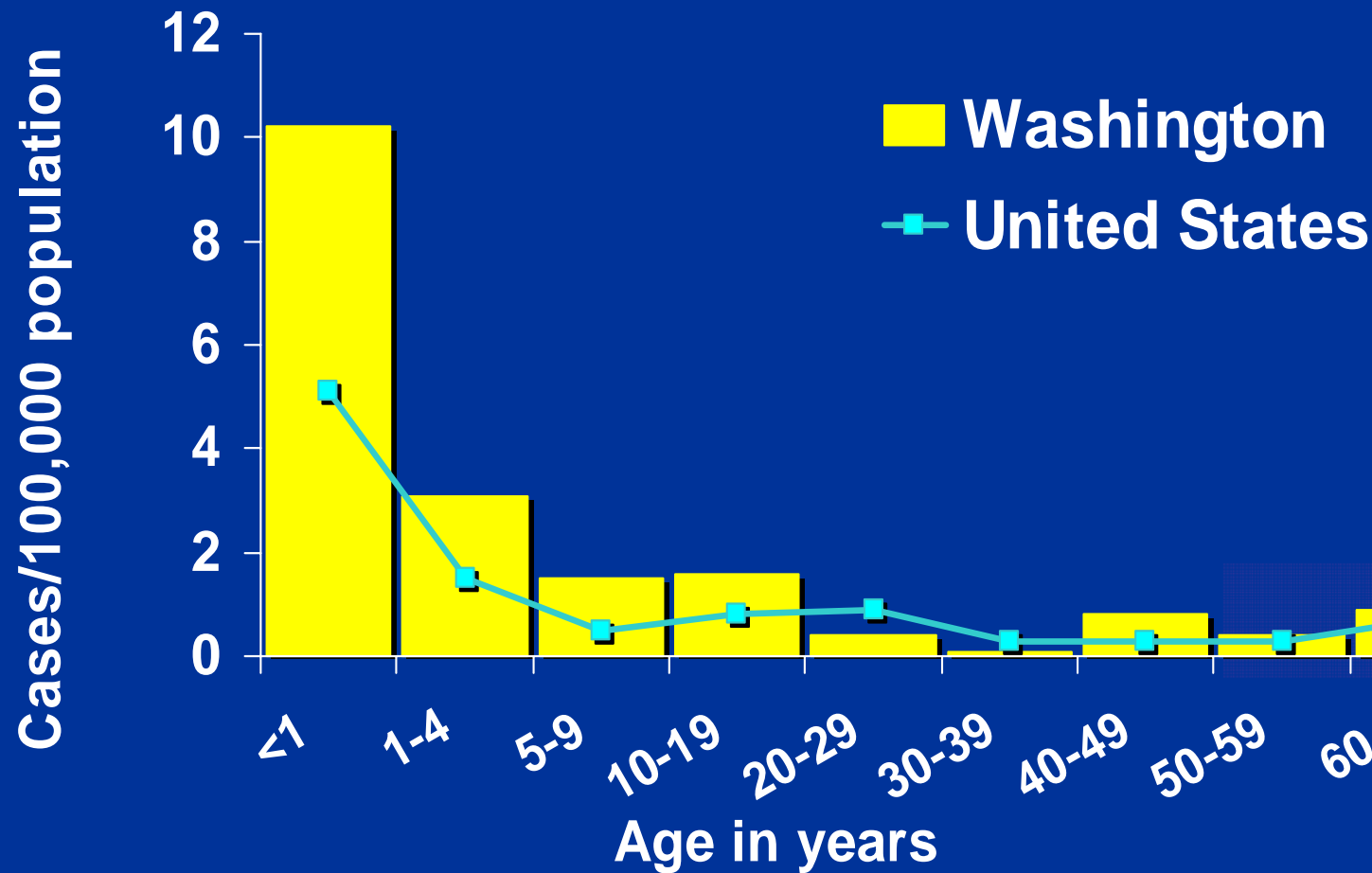


*Source: CDC Hepatitis surveillance report, September 2005*

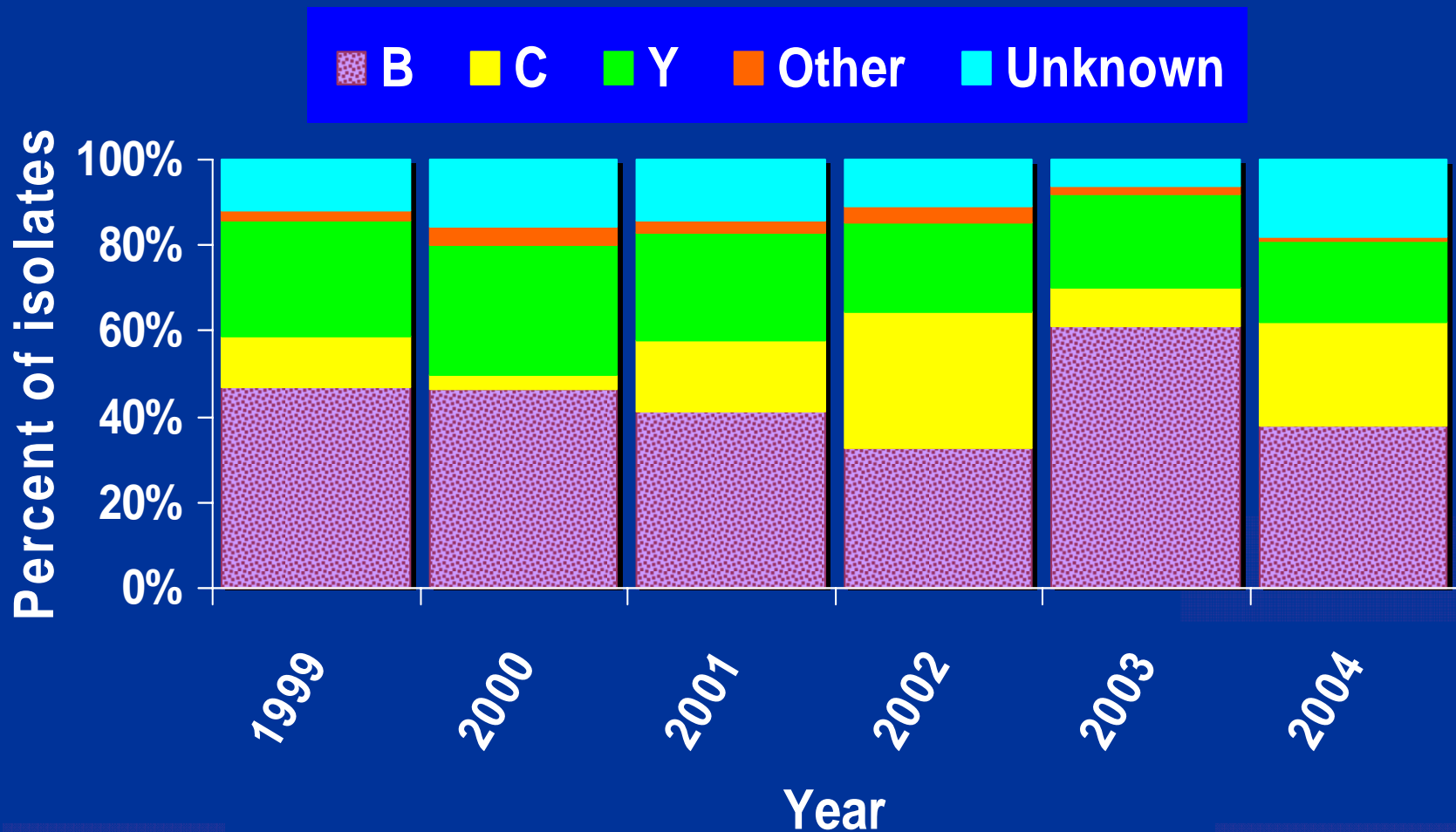
# *Reported cases of meningococcal disease – Washington, 1990-2004*



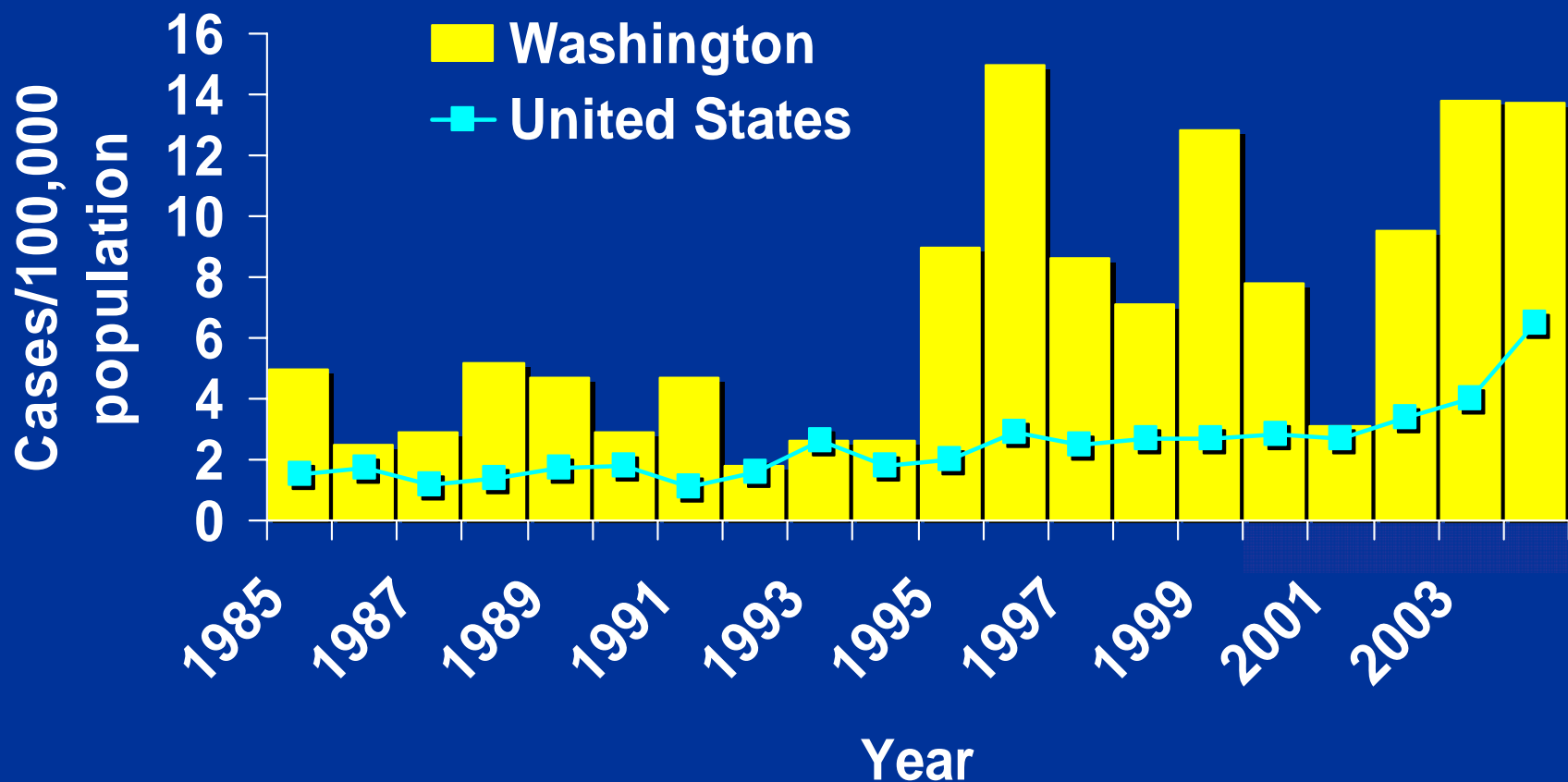
# ***Incidence of meningococcal disease by age group -- Washington and United States\*, 2003***



# *Neisseria meningitidis* by serogroup – Washington, 1999-2003



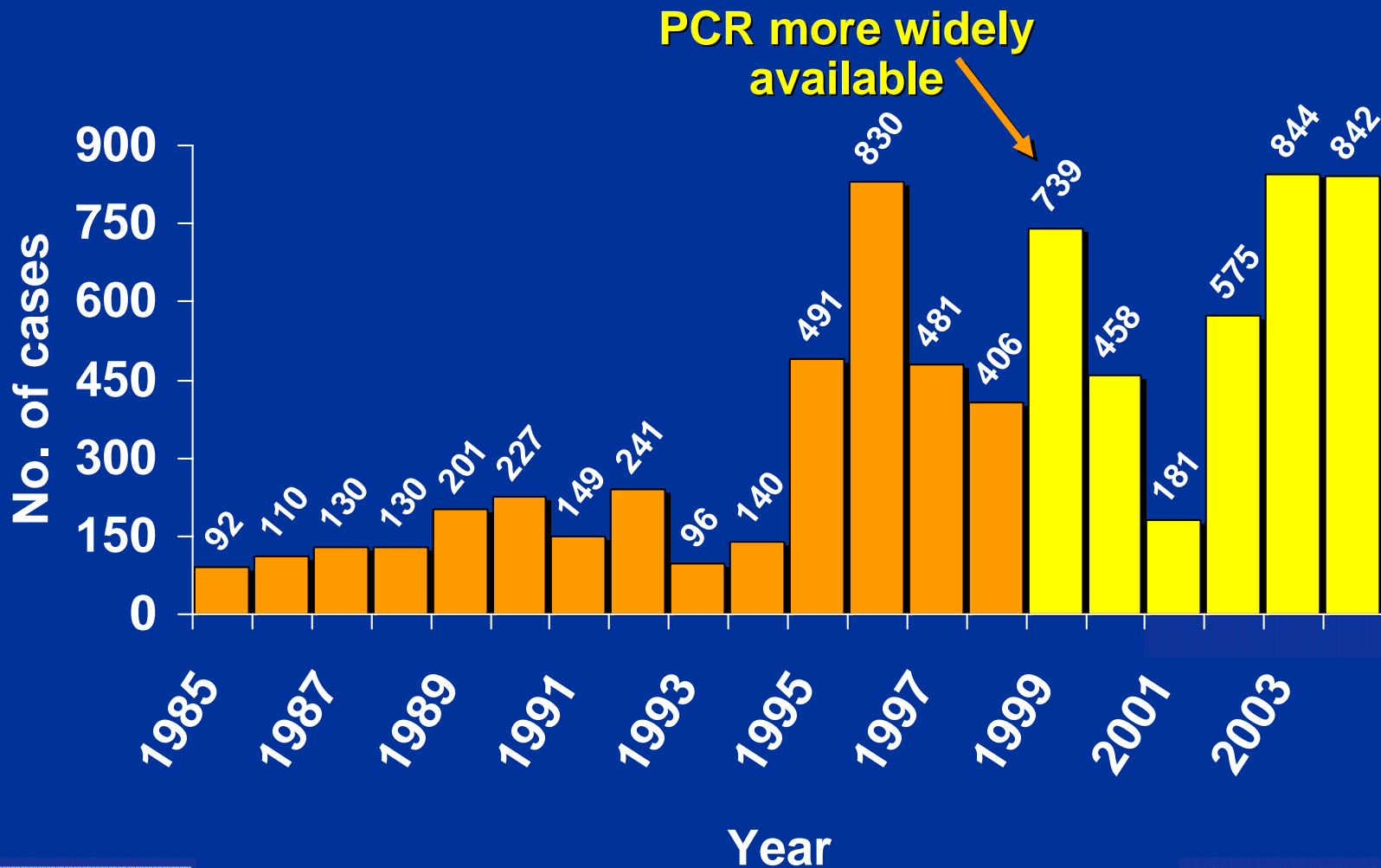
# *Incidence of pertussis - Washington and United States\*, 1985-2004*



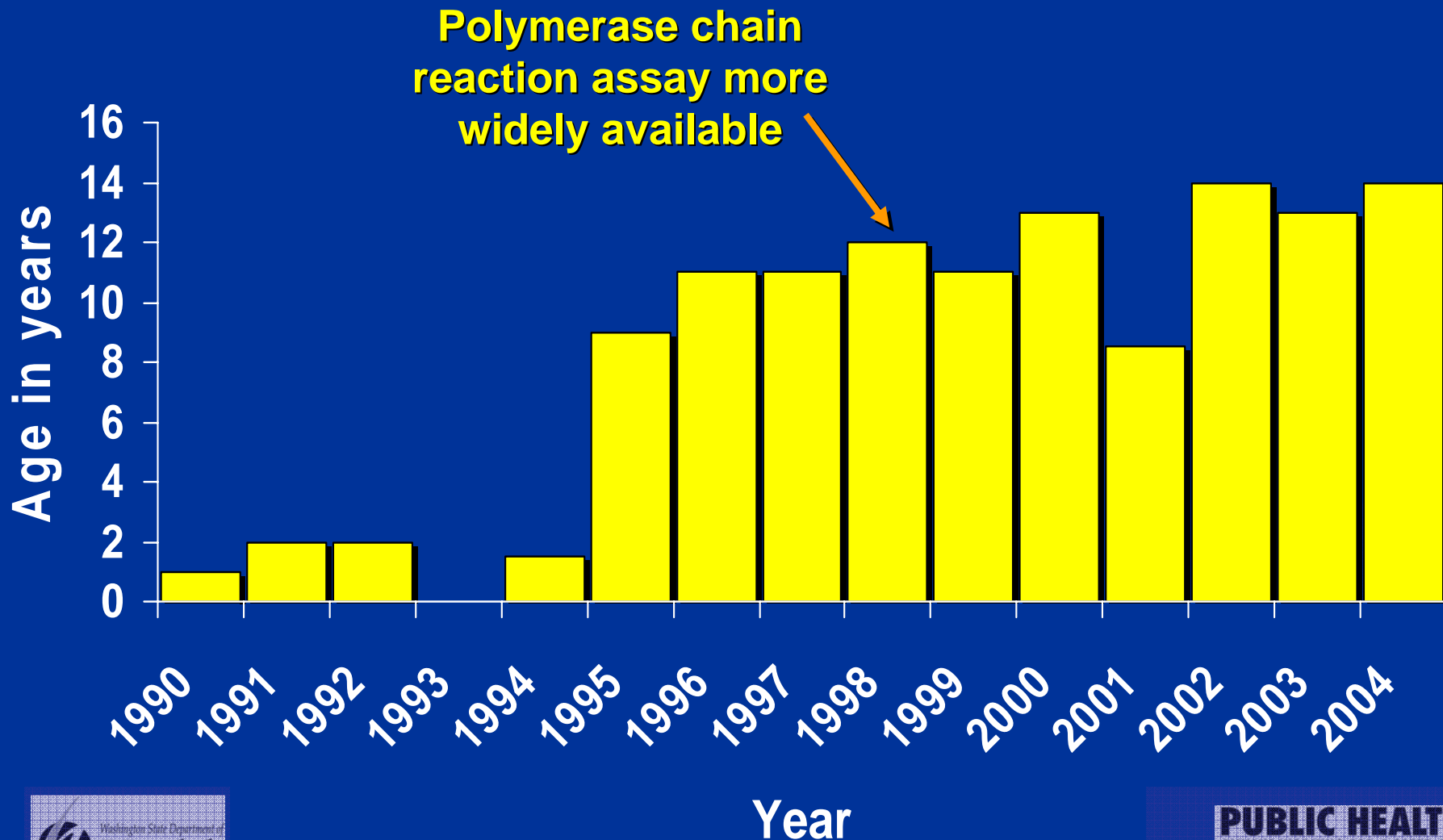
\*Source: CDC. Summary of Notifiable Diseases  
– United States, 2003.MMWR 2004;52:1-85



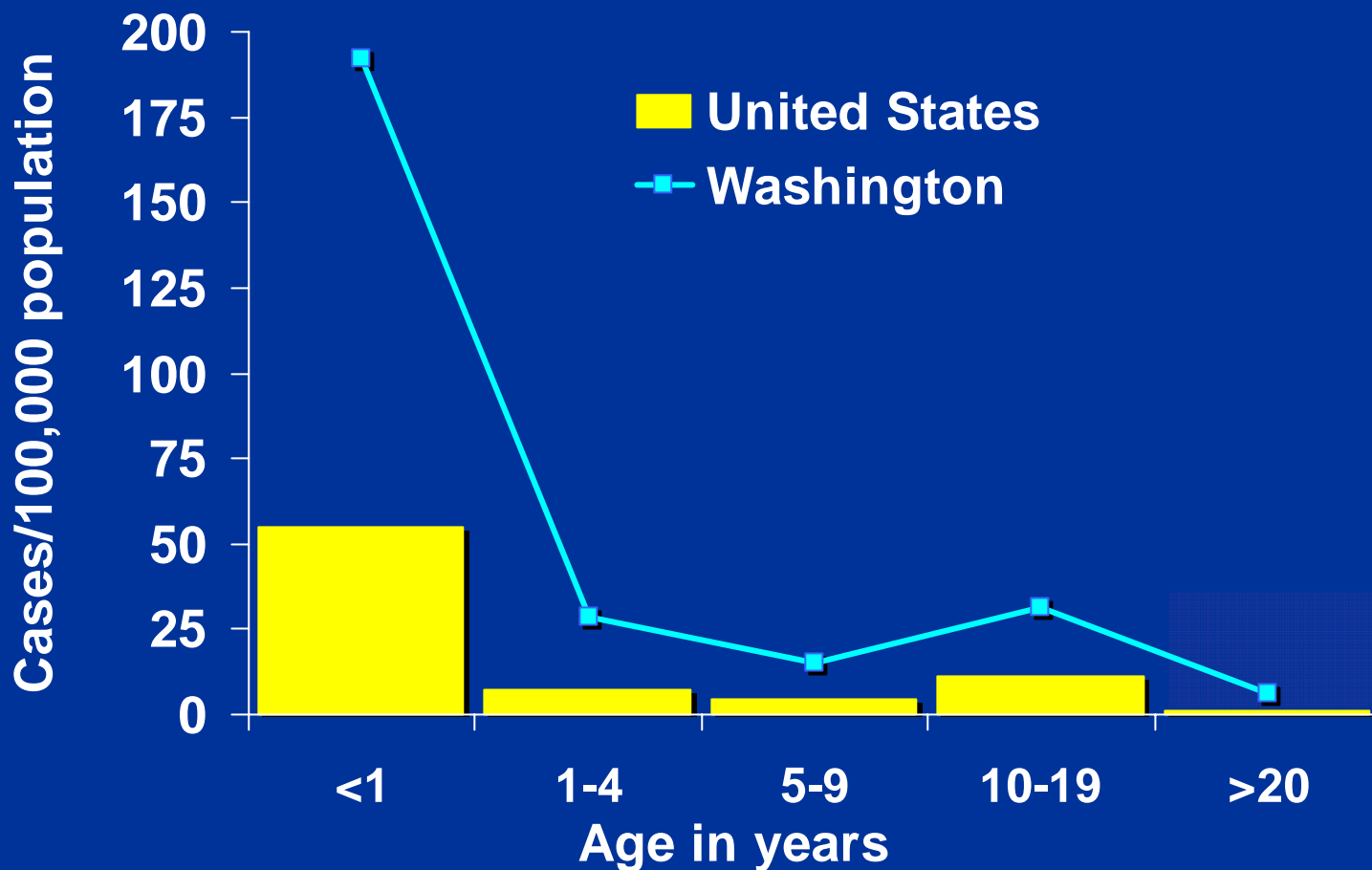
# *Reported cases of pertussis – Washington, 1985-2004*



# *Median age of persons with pertussis, Washington, 1990-2004*



# ***Incidence of pertussis by age group -- Washington and United States\*, 2003***



*\*Source: Summary of Notifiable Diseases – United States, 2003.MMWR 2004;52:1-85*

# ***Useful websites***

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- ACIP provisional recommendations  
***[http://www.cdc.gov/nip/recs/provisional\\_rec/default.htm](http://www.cdc.gov/nip/recs/provisional_rec/default.htm)***
- Washington State Department of Health  
communicable disease data  
***<http://www.doh.wa.gov/notify/list.htm>***

# ***ACIP recommendations for MCV4***

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- Routine vaccination of adolescents 11-18 years of age
- College freshmen living in dorms
- Lab personnel
- Military recruits
- Travelers to endemic areas
- Medical conditions that increase risk for meningococcal infection
  - Terminal complement deficiencies
  - Splenic dysfunction
- ***Remember -- only approved for people 11-55 years of age!***